

Title (en)

High molecular weight lenses formed from viscosity-specific polycarbonate

Title (de)

Linsen geformt aus einem Polycarbonat mit hohem Molekulargewicht und einer bestimmten Viskosität

Title (fr)

Lentilles formées à partir de polycarbonate de haut poids moléculaire et possédant une viscosité déterminée

Publication

**EP 1591803 A1 20051102 (EN)**

Application

**EP 05290903 A 20050428**

Priority

US 83543304 A 20040429

Abstract (en)

Methods are disclosed which utilize polycarbonate to form solid optical lenses. The polycarbonates may be selected from high molecular weight linear or branched species. Viscosity and melt flow are specified for improved mechanical properties. The method provides lenses with greater resistance to cracking and crazing, for example, in instances where flaws are subject to strain and require containment.

IPC 1-7

**G02B 1/04**

IPC 8 full level

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CPC (source: EP US)

**G02B 1/041** (2013.01 - EP US); **C08G 64/14** (2013.01 - EP US)

Citation (search report)

[A] US 6613869 B1 20030902 - HORN KLAUS [DE], et al

Cited by

EP3000588A1; CN102574258A; WO2010135063A1

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